

W2

LOCUS AAS72940 71 aa linear VRL 14-FEB-2005
 DEFINITION tat protein [Human immunodeficiency virus 1].
 ACCESSION AAS72940
 VERSION AAS72940.1 GI:45644385
 DBSOURCE accession AY489738.1
 KEYWORDS .
 SOURCE Human immunodeficiency virus 1 (HIV-1)
 ORGANISM Human immunodeficiency virus 1
 Viruses; Retroid viruses; Retroviridae; Lentivirus; Primate
 lentivirus group.
 REFERENCE 1 (residues 1 to 71)
 AUTHORS Yamaguchi,J., Bodelle,P., Vallari,A.S., Coffey,R., McArthur,C.P.,
 Schochetman,G., Devare,S.G. and Brennan,C.A.
 TITLE HIV infections in northwestern Cameroon: identification of HIV type
 1 group O and dual HIV type 1 group M and group O infections
 JOURNAL AIDS Res. Hum. Retroviruses 20 (9), 944-957 (2004)
 PUBMED 15585082
 REFERENCE 2 (residues 1 to 71)
 AUTHORS Yamaguchi,J., Bodelle,P., Vallari,A.S., Coffey,R., McArthur,C.P.,
 Devare,S.G. and Brennan,C.A.
 TITLE Direct Submission
 JOURNAL Submitted (28-NOV-2003) Abbott Laboratories, 100 Abbott Park Rd.,
 Abbott Park, IL 60064-6015, USA
 COMMENT Method: conceptual translation supplied by author.
 FEATURES Location/Qualifiers
 source 1..71
 /organism="Human immunodeficiency virus 1"
 /virion
 /isolate="99CM-DSC1320-MO"
 /db_xref="taxon:11676"
 /country="Cameroon"
 /note="intergroup recombinant
 serogroup: M/O"
 Protein 1..>71
 /product="tat protein"
 CDS 1..71
 /gene="tat"
 /coded_by="AY489738.1:1632..>1846"
 ORIGIN
 1 melvdpslep wnhpgsqptt acsxcyckic cwhcqlcflk kglgisyrk kqrrrrgtpq
 61 srqshqypvp k
 //

x1

LOCUS AAW83613 101 aa linear VRL 15-FEB-2005
 DEFINITION tat protein [Human immunodeficiency virus 1].
 ACCESSION AAW83613
 VERSION AAW83613.1 GI:59003612
 DBSOURCE accession AY901975.1
 KEYWORDS .
 SOURCE Human immunodeficiency virus 1 (HIV-1)
 ORGANISM Human immunodeficiency virus 1
 Viruses; Retroid viruses; Retroviridae; Lentivirus; Primate
 lentivirus group.
 REFERENCE 1 (residues 1 to 101)
 AUTHORS Birditt,B.A., Rousseau,C.M., Korber,B.T., Goulder,P., Brander,C.,
 Kiepiela,P., Walker,B.D. and Mullins,J.I.
 TITLE HIV HLA epitope mapping from Durban, South Africa
 JOURNAL Unpublished
 REFERENCE 2 (residues 1 to 101)
 AUTHORS Birditt,B.A., Rousseau,C.M., Korber,B.T., Goulder,P., Brander,C.,
 Kiepiela,P., Walker,B.D. and Mullins,J.I.
 TITLE Direct Submission
 JOURNAL Submitted (24-JAN-2005) Microbiology, University of Washington, Box
 358070, Seattle, WA 98195-8070, USA
 COMMENT Genome sequence lacks part of non-coding region.
 Method: conceptual translation.
 FEATURES Location/Qualifiers
 source 1..101
 /organism="Human immunodeficiency virus 1"
 /virion
 /isolate="03ZASK076B1"
 /isolation_source="woman with heterosexual transmission as
 her primary risk factor"
 /db_xref="taxon:11676"
 /country="South Africa: Durban"
 /note="subtype: C"
 Protein 1..101
 /product="tat protein"
 CDS 1..101
 /gene="tat"
 /coded_by="join(AY901975.1:5256..5470,
 AY901975.1:7831..7921) "
 ORIGIN
 1 mepidpnlep wnhpgsqpkt pcnncycyk syhcvpflt kglgiyygrk krrqrrsapp
 61 sgedhqnhis kqplpqtrgn stgseeskkk vesktetdpf d
 //

U3

LOCUS AAV59694 101 aa linear VRL 23-FEB-2005
 DEFINITION tat protein [Human immunodeficiency virus 1].
 ACCESSION AAV59694
 VERSION AAV59694.1 GI:55735962
 DBSOURCE accession AY771589.1
 KEYWORDS .
 SOURCE Human immunodeficiency virus 1 (HIV-1)
 ORGANISM Human immunodeficiency virus 1
 Viruses; Retroid viruses; Retroviridae; Lentivirus; Primate
 lentivirus group.
 REFERENCE 1 (residues 1 to 101)
 AUTHORS De Sa-Filho,D.J., Sanabani,S., Diaz,R.S., Munerato,P.,
 Brunstein,A., Fusuma,E., Sabino,E.C. and Janini,L.M.
 TITLE Analysis of Full-Length Human Immunodeficiency Virus Type 1 Genome
 Reveals a Variable Spectrum of Subtypes B and F Recombinants in Sao
 Paulo, Brazil
 JOURNAL AIDS Res. Hum. Retroviruses 21 (2), 145-151 (2005)
 REFERENCE 2 (residues 1 to 101)
 AUTHORS Sa-Filho,D.J., Sanabani,S., Diaz,R.S., Munerato,P., Brunstein,A.,
 Fusuma,E., Sabino,E.C. and Janini,L.M.
 TITLE Direct Submission
 JOURNAL Submitted (05-OCT-2004) Retrovirology Laboratory, Federal
 University of Sao Paulo, R. Pedro de Toledo 781, 16 andar Vila
 Clementino, Sao Paulo, Sao Paulo 04039032, Brazil
 COMMENT Method: conceptual translation.
 FEATURES Location/Qualifiers
 source 1..101
 /organism="Human immunodeficiency virus 1"
 /proviral
 /isolate="BREPM108"
 /db_xref="taxon:11676"
 /country="Brazil"
 Protein 1..101
 /product="tat protein"
 CDS 1..101
 /gene="tat"
 /coded_by="join(AY771589.1:5356..5570,
 AY771589.1:7919..8009)"
 ORIGIN
 1 mepvdprlep wkhpgsqpkt pckkyckec cfhcqvcfit kglgisyrk krrqrrrppq
 61 dspnnqvp ls kqptsqlrgd ptgpkesskkk veretetdpd d
 //

V3

LOCUS AAV59726 101 aa linear VRL 23-FEB-2005
 DEFINITION tat protein [Human immunodeficiency virus 1].
 ACCESSION AAV59726
 VERSION AAV59726.1 GI:55735998
 DBSOURCE accession AY771593.1
 KEYWORDS .
 SOURCE Human immunodeficiency virus 1 (HIV-1)
 ORGANISM Human immunodeficiency virus 1
 Viruses; Retroid viruses; Retroviridae; Lentivirus; Primate
 lentivirus group.
 REFERENCE 1 (residues 1 to 101)
 AUTHORS De Sa-Filho,D.J., Sanabani,S., Diaz,R.S., Munerato,P.,
 Brunstein,A., Fusuma,E., Sabino,E.C. and Janini,L.M.
 TITLE Analysis of Full-Length Human Immunodeficiency Virus Type 1 Genome
 Reveals a Variable Spectrum of Subtypes B and F Recombinants in Sao
 Paulo, Brazil
 JOURNAL AIDS Res. Hum. Retroviruses 21 (2), 145-151 (2005)
 REFERENCE 2 (residues 1 to 101)
 AUTHORS Sa-Filho,D.J., Sanabani,S., Diaz,R.S., Munerato,P., Brunstein,A.,
 Fusuma,E., Sabino,E.C. and Janini,L.M.
 TITLE Direct Submission
 JOURNAL Submitted (05-OCT-2004) Retrovirology Laboratory, Federal
 University of Sao Paulo, R. Pedro de Toledo 781, 16 andar Vila
 Clementino, Sao Paulo, Sao Paulo 04039032, Brazil
 COMMENT Method: conceptual translation.
 FEATURES Location/Qualifiers
 source 1..101
 /organism="Human immunodeficiency virus 1"
 /proviral
 /isolate="BREPM278"
 /db_xref="taxon:11676"
 /country="Brazil"
 Protein 1..101
 /product="tat protein"
 CDS 1..101
 /gene="tat"
 /coded_by="join(AY771593.1:5240..5454,
 AY771593.1:7794..7884)"
 ORIGIN
 1 mepvdprlep wkhpgsqprt acskcyckkc cfhcqvcftt kglgisyrk krrqrrrtpg
 61 dsqthqisls kqpasqlrgd qtgteeskkk veretetdql d
 //

W3

LOCUS AAS01343 101 aa linear VRL 28-FEB-2005
 DEFINITION tat protein [Human immunodeficiency virus 1].
 ACCESSION AAS01343
 VERSION AAS01343.1 GI:41400297
 DBSOURCE accession AY500393.1
 KEYWORDS .
 SOURCE Human immunodeficiency virus 1 (HIV-1)
 ORGANISM Human immunodeficiency virus 1
 Viruses; Retroid viruses; Retroviridae; Lentivirus; Primate
 lentivirus group.
 REFERENCE 1 (residues 1 to 101)
 AUTHORS Papuashvili,M.N. and Shcherbakova,T.I.
 CONSRTM Advanced Medical Researches
 TITLE Sequencing of long PCR products and analysis of full length human
 immunodeficiency virus type 1 genomes distributed among
 heterosexuals in Moscow (Russian Federation)
 JOURNAL Unpublished
 REFERENCE 2 (residues 1 to 101)
 AUTHORS Papuashvili,M.N. and Shcherbakova,T.I.
 CONSRTM Advanced Medical Researches
 TITLE Direct Submission
 JOURNAL Submitted (10-DEC-2003) Advanced Medical Researches, Kashirskoye
 Shosse, 21, Moscow 115446, Russia
 COMMENT Method: conceptual translation.
 FEATURES Location/Qualifiers
 source 1..101
 /organism="Human immunodeficiency virus 1"
 /proviral
 /isolate="03RU20-06-13"
 /isolation_source="peripheral blood mononuclear cells of
 heterosexual intercourse-infected 23 year-old woman;
 collected in June 2003 at the B2-B3 stages of the HIV
 infection"
 /db_xref="taxon:11676"
 /country="Russia: Moscow"
 Protein 1..101
 /product="tat protein"
 CDS 1..101
 /gene="tat"
 /coded_by="join(AY500393.1:5304..5518,
 AY500393.1:7850..7940)"
 ORIGIN
 1 mdpvdpnlep wnhpgsqpkt acsncyckkc cwhcqvcflk kglgisyrk krrhrrgtph
 61 sskdhqtlis kqplphtrrd qtgpeeskkk veskaetdqf d
 //